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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
**TORRISI ET AL.** )  
Serial No. 10/050,595 )  
Filing Date: January 15, 2002 )  
For: A DRIVER CIRCUIT FOR SOFT )  
TURNING ON A POWER ELEMENT )  
CONNECTED TO AN INDUCTIVE )  
LOAD )



SUPPLEMENTAL AMENDMENT

Director, U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

As a supplement to the preliminary amendment filed January 15, 2002, please enter the following amendments and remarks set out below:

In the Specification:

Please replace the paragraph beginning at page 11, line 11, with the following rewritten paragraph:

*B1*  
-- Furthermore, the IGBT transistor 11 will conduct even when the value of the first charge current  $I_{low}$  is too small with respect to the drainage from the gate terminal G11. Advantageously, the equivalent capacitor  $C_{GS}$  (typically a few nF) integrates current peaks of different values, thereby preventing the ripples on the current to the load device 12.

REMARKS

Entry of the supplemental amendment is respectfully